

07-29-04

PATENT  
Docket No.: Q182-US1

1fw

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Alvaro Masias et al.

Application No.  
10/798,449

Group Art Unit: 2838

Examiner: E. Tso

Filing Date: March 10, 2004

Title: POWER SYSTEM

CERTIFICATE OF MAILING VIA EXPRESS MAIL (37 CFR 1.10)

Express Mail No.: EL 993198342 US

Dated July 27, 2004

Mail Stop Patent Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that the following attached documents are being deposited with the United States Postal Service for "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

1. Transmittal of Information Disclosure Statement
2. Form PTO-1449
3. Return postcard

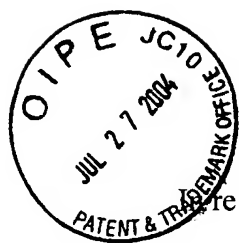
July 27, 2004

Date of Deposit

Lawrence Gordon

Name of Person Mailing paper or fee

Signature



PATENT  
Docket No.: Q182-US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of: Alvaro Masias et al. :

Application No.: 10/798,449 :

Group Art Unit: 2838

Filing Date: March 10, 2004 :

Examiner: E. Tso

Title: POWER SYSTEM :

Mail Stop Patent Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Dear Sir:

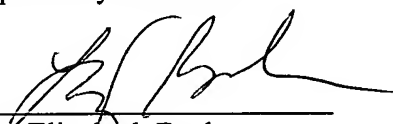
The information disclosure statement submitted herewith is being filed before a first action on the merits for the subject application and contains no items of information cited in any communication from a foreign patent office in a counterpart foreign application [37 CFR §1.97(e)(1)].

The enclosed copies of cited references may contain markings thereon. No significance is to be attached to these markings.

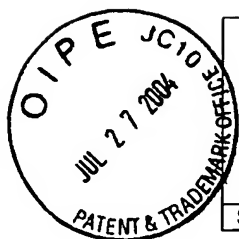
If it should be determined that for any reason either an insufficient or excessive fee has been paid, please charge any insufficiency or credit any overpayment necessary to ensure consideration of the information disclosure statement for the above-identified application to Deposit Account No. 50-0921.

Respectfully submitted:

Dated: 7/27/04

  
\_\_\_\_\_  
Mary Elizabeth Bush  
Reg. No. 38,402  
Patent Agent for Applicant(s)

Quallion LLC Legal Department  
P.O. Box 923127  
Sylmar, CA 91392-3127  
(818) 833-2003 (ph)  
(818) 833-2065 (fax)



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number		10/798,449
				Filing Date		March 10, 2004
				First Named Inventor		Masias, Alvaro, et al.
				Art Unit		2838
				Examiner Name		E. Tso
				Attorney Docket number		Q182-US1
Sheet	1	of	2			

### US PATENT DOCUMENTS

Examiner Initials	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	Number – Kind Code		
	US-5,574,622 A	11-12-1996	Brown, J.
	US-5,929,597 A	07-27-1999	Pfiefer, J., et al.
	US-6,106,971 A	08-22-2000	Celgard Inc.
	US-6,445,162	09-03-2002	Quallion LLC
	US-6,476,581 B2	11-05-2002	The Johns Hopkins University
	US-6,531,847	03-11-2003	Quallion LLC
	US-2003/0085684 A1	05-08-2003	Quallion LLC
	US-D475,680 S	06-10-2003	Vector Products, Inc.
	US-6,586,912	07-1-2003	Quallion LLC
	US-2003/0129498 A1	07-10-2003	Quallion LLC
	US-2003/0180624 A1	09-25-2003	Quallion LLC
	US-2003/0180625 A1	09-25-2003	Quallion LLC
	US-2004/0004464 A1	01-08-2004	Quallion LLC
	US-6,704,596	03-09-2004	Digby et al.

### FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	English Abstract	Machine Translation	Entire Document
	Office	Number	Kind					
	EP	1406692	A2	04-14-2004	Medtronic, Inc.			
	WO	02/089904	A2	11-14-2002	Medtronic, Inc.			
	WO	03/061032	A3	07-24-2003	Quallion LLC			
	WO	03/083970	A1	10-9-2003	Quallion LLC			
	WO	03/083971	A1	10-9-2003	Quallion LLC			
	WO	03/083972	A1	10-9-2003	Quallion LLC			
	WO	03/083973	A1	10-9-2003	Quallion LLC			
	WO	03/083974	A1	10-9-2003	Quallion LLC			
	WO	03/090299	A1	10-30-2003	Quallion LLC			
	WO	03/058746	A1	07-17-2003	Quallion LLC			
	WO	02/089904	A3	11-14-2002	Medtronic, Inc.			
	WO	03/041208	A1	05-15-2003	Quallion LLC			
	WO	2004/027955	A2	04-01-2004	Quallion LLC			
	WO	2004/014214	A2	02-19-2004	Quallion LLC			

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

### OTHER DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cite and/or country where published
	MUKAINAKANO, H., U.S. Patent Application No. 10/639,178 filed September 30, 2003
	KISHIYAMA, C. et al., U.S. Patent Application No. 10/676,203 filed February 6, 2004
	PARKHOUSE, L., U.S. Patent Application No. 10/773,651 filed September 30, 2003
	ALTIERI, F., et al.; Implantable Ventricular Assist Systems; <i>Artif Organs</i> ; Vol. 11, No. 3, 1987. International Society for Artificial Organs

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number		10/798,499
				Filing Date		March 10, 2004
				First Named Inventor		Masias, Alvaro, et al.
				Art Unit		2838
				Examiner Name		E. Tso
				Attorney Docket number		Q182-US1
Sheet	2	of	2			

	DOWLING, R. et al; The AbioCor Implantable Replacement Heart; <i>Ann Thorac Surg</i> ; 2003; 75:S98-9. The Society of Thoracic Surgeons; Elsevier, Inc.
	EL-BANAYOSY, A. et al; Preliminary Experience With The LionHart Left Ventricular Assist Device In Patients With End-Stage Hear Failure; <i>Ann Thorac Surg</i> ; 2003;75:1469-75. The Society of Thoracic Surgeons; Elsevier Science, Inc.
	HONDA, H., et al.; Selection of a Rechargeable Internal Back-up Battery for a Totally Implantable Artificial Heart; <i>ASAIO Journal</i> , 1999
	KIM, W.E., et al.; Intelligent Li Ion Battery Management Based on a Digital Signal Processor for a Moving Actuator Total Artificial Heart
	Lanmüller, H.; Useful Applications and Limits of Battery Powered Implants in Functional Electrical Stimulations; <i>Artificial Organs</i> , 21(3):210-212; Blackwell Science, Inc., Boston
	MACLEAN, G.; Comparison of Rechargeable Lithium and Nickel/Cadmium Battery Cells for Implantable Circulatory Support Devices; <i>Artificial Organs</i> ; 18(4):331-334, Blackwell Scientific Publications, Inc., Boston
	MACLEAN, G.; Evaluation of Nickel-Cadmium Battery Packs for Mechanical Circulatory Support Devices; <i>ASAIO Journal</i> 1993
	MACLEAN, G; The Effect of Pulsatile Power Loads on Nickel/Cadmium Battery Cells for Mechanical Circulatory Support Devices; <i>ASAIO Journal</i> 1994
	MUSSIVAND, T.; A Transcutaneous Energy and Information Transfer System for Implanted Medical Devices;
	MUSSIVAND, T.; Transcutaneous Energy Transfer System Performance Evaluation; <i>Artificial Organs</i> , 17(11):940-947, Blackwell Scientific Publications, Inc., Boston
	OKAMOTO, E., et al.; Feasibility of a Nickel-Metal Hydride Battery for Totally Implantable Artificial Hearts
	POWERS, R., et al.; Life Testing of Implantable Batteries for a Total Artificial Heart; <i>ASAIO Journal</i> 1993
	SHIBA, K., et al.; A Transcutaneous Energy System with Rechargeable Internal Back-up Battery for a Totally Implantable Total Artificial Heart; <i>ASAIO Journal</i> 1999

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--